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Agricultural Memorandum No 697

Agro-climatic area averages - winter potential transpiration

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Winter P.T. values have never been paid as much attention as the summer values, chiefly because their magnitude is small, and any errors arising are swamped by errors in rainfall for most practical purposes.

For similar reasons, no attempt has been made to evaluate 1941-1970 averages from annual data. The figures given in Tech Bull 16 have been accepted as reasonably accurate and have been adjusted to the new areas and the new heights, with the results shown in the Appendix. Errors of $\pm$ 0.1 in. per month are possible.

Any comments or suggestions on this paper should be referred to the author.

Meteorological Office
Bracknell

January 1975

1941-1970 Winter Averages Potential Transpiration

Area	Jan	Feb	Mar	Oct	Nov	Dec	Total	Ht (ft)
1A)	0.10	0.35	1.20	0.80	0.15	0.05	2.65	220
1B)								216
2	-0.05	0.25	1.10	0.70	0.05	-0.10	1.95	702
3	0.05	0.30	1.15	0.75	0.10	-0.05	2.30	358
5	0.10	0.40	1.20	0.80	0.15	0.00	2.65	318
6A	-0.05	0.10	0.85	0.60	0.00	-0.10	1.40	1118
6B	-0.05	0.20	0.95	0.60	0.00	-0.10	1.60	1033
7	0.00	0.30	1.05	0.75	0.10	-0.05	2.15	564
8	0.05	0.35	1.20	0.80	0.20	0.00	2.60	380
9	0.15	0.45	1.30	0.95	0.35	0.10	3.30	92
10	-0.05	0.15	0.95	0.60	0.00	-0.10	1.55	941
11	0.05	0.30	1.10	0.75	0.10	0.00	2.30	453
12	0.10	0.40	1.20	0.85	0.20	0.05	2.80	128
13	0.10	0.35	1.15	0.80	0.15	0.00	2.55	177
14	0.10	0.40	1.20	0.80	0.20	0.05	2.75	213
15A	0.00	0.30	1.15	0.70	0.10	-0.05	2.20	554
15B	0.05	0.30	1.20	0.75	0.10	0.00	2.40	341
16	0.05	0.40	1.25	0.80	0.15	0.05	2.70	216
17A	0.05	0.40	1.25	0.85	0.15	0.00	2.70	138
17B	0.10	0.45	1.25	0.85	0.20	0.05	2.90	154
18A	0.05	0.35	1.20	0.80	0.15	0.05	2.60	413
18B	0.00	0.30	1.15	0.70	0.10	0.00	2.25	689
19	0.05	0.30	1.20	0.75	0.15	0.00	2.45	380
20	0.05	0.30	1.15	0.75	0.15	0.00	2.40	397
21	0.05	0.35	1.20	0.80	0.20	0.00	2.60	272
22A	0.05	0.35	1.15	0.75	0.15	0.00	2.45	384
22B	0.05	0.40	1.20	0.80	0.20	0.05	2.70	266
23	0.05	0.45	1.25	0.85	0.20	0.05	2.85	16
24	0.05	0.40	1.25	0.85	0.20	0.00	2.75	108
25A	0.10	0.40	1.25	0.80	0.20	0.00	2.75	384
25B	0.10	0.40	1.20	0.85	0.25	0.00	2.80	344
26	0.05	0.40	1.20	0.80	0.20	0.00	2.65	449
27	0.05	0.40	1.20	0.80	0.15	0.00	2.60	351
28	0.05	0.40	1.30	0.85	0.20	0.00	2.80	184
29	0.05	0.40	1.30	0.85	0.20	0.00	2.80	159
30	0.10	0.45	1.25	0.80	0.20	0.05	2.85	298
31A	0.05	0.40	1.25	0.85	0.20	0.00	2.75	351
31B	0.05	0.40	1.20	0.80	0.20	0.00	2.65	351
32	0.05	0.45	1.30	0.85	0.25	0.00	2.90	269
33	0.05	0.40	1.25	0.85	0.20	0.00	2.75	190
34	0.05	0.40	1.30	0.85	0.20	0.05	2.85	190
35	0.10	0.45	1.30	0.85	0.20	0.00	2.90	338
36	0.00	0.40	1.25	0.85	0.20	0.00	2.70	407
37A	0.10	0.45	1.30	0.90	0.25	0.00	2.90	210
37B	0.10	0.50	1.30	1.00	0.30	0.10	3.30	210
38A	0.05	0.40	1.30	0.85	0.20	0.00	2.80	259
38B	0.10	0.50	1.30	1.00	0.35	0.10	3.35	230
39A	0.05	0.35	1.30	0.80	0.20	0.00	2.70	262
39B	0.15	0.45	1.30	1.00	0.40	0.10	3.40	161
40	0.20	0.50	1.30	0.85	0.30	0.15	3.30	272

Area	Jan	Feb	Mar	Oct	Nov	Dec	Total	Ht (ft)
41	0.10	0.40	1.30	0.85	0.25	0.10	3.00	423
42	0.15	0.45	1.30	0.85	0.25	0.10	3.10	417
43A	0.00	0.30	1.25	0.80	0.15	0.00	2.50	774
43B	0.15	0.50	1.35	0.95	0.35	0.15	3.45	266
44	0.05	0.30	1.25	0.80	0.15	0.05	2.60	682
45A	0.15	0.40	1.30	0.85	0.25	0.15	3.10	361
45B	0.05	0.40	1.30	0.85	0.20	0.05	2.85	335
46	0.15	0.45	1.25	0.95	0.35	0.10	3.25	148
47	0.20	0.45	1.20	0.95	0.40	0.25	3.45	200
48A	0.00	0.25	1.05	0.80	0.20	-0.05	2.25	981
48B	-0.05	0.25	1.05	0.75	0.15	-0.05	2.05	1132
49A	0.00	0.20	1.10	0.75	0.15	-0.05	2.15	925
49B	0.00	6.25	1.05	0.70	0.10	0.00	2.10	1014
50	0.10	0.40	1.25	0.90	0.40	0.05	3.10	403
51	0.00	0.25	1.05	0.75	0.10	0.00	2.15	974
52	0.05	0.35	1.25	0.85	0.25	0.05	2.80	367